// Grade

package javaapplication2;

import java.util.\*;

class Student{

int marks;

void grade(int m){

if(m>=3 && m<=5){

System.out.println("poor");

}

if(m>=6&&m<=7){

System.out.println("Good");

}

if(m>=8&&m<=9){

System.out.println("Very good");

}

}

}

public class JavaApplication2 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

System.out.println("Enter marks: ");

Scanner m = new Scanner(System.in);

int mark = m.nextInt();

Student s = new Student();

s.grade(mark);

}

}

// sum integers div by 7 btwn 100 to 700

package javaapplication3;

/\*\*

\*

\* @author admin

\*/

import java.util.\*;

class integer{

void divbyseven(){

int sum = 0;

for(int i=100; i<700;i++ ){

if(i%7==0){

sum = sum+i;

}

}

System.out.println(sum);

}

}

public class JavaApplication3 {

public static void main(String[] args) {

integer s = new integer();

s.divbyseven();

}

}

//Swap

public class Swap {

public static void main(String[] args) {

float first = 12.0f, second = 24.5f;

System.out.println("--Before swap--");

System.out.println("First number = " + first);

System.out.println("Second number = " + second);

first = first - second;

second = first + second;

first = second - first;

System.out.println("--After swap--");

System.out.println("First number = " + first);

System.out.println("Second number = " + second);

}

}

//pattern

class Main {

public static void main(String args[]) {

int n = 5;

//Loop to iterate over each row

for(int i=1;i<=n;i++){

//Loop to iterate over each column of the ith row

for(int j=1;j<=i;j++){

System.out.print(i+ " ");

}

System.out.println();

}

}

}

// largest smallest number

package javaapplication1;

/\*\*

\*

\* @author 22CSEB41

\*/

public class JavaApplication1 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

int numbers[] = new int[]{55,32,45,98,82,11,9,39,50};

int smallest = numbers[0];

int largetst = numbers[0];

for (int i = 1; i < numbers.length; i++) {

if (numbers[i] > largetst)

largetst = numbers[i];

else if (numbers[i] < smallest)

smallest = numbers[i];

}

System.out.println("Largest Number is : " + largetst);

System.out.println("Smallest Number is : " + smallest);

}

}